

A group of four business professionals in a meeting room. A man in a suit is pointing at a laptop screen while others look on. A green banner is overlaid on the image.

Enhanced management solutions to a leading fleet management system provider

Fleet Management

Fleet maintenance

Fleet monitoring

The Client

The Client is a technology company which designs and manufactures Fleet Management System. It offers mobile and web based fleet management solutions in order to meet the need of fleets of all sizes. Whether the fleet is small, large, private or for hire, the Client provides hardware, application software and services to fulfill the requirements of fleet management system.



Business Challenges

- Fleet management system to track and monitor all the vehicles registered in the system
- Maintain and track all the service requirements of the vehicles
- Update customers about the vehicle positioning through GPS
- Vehicle monitoring on Map
- Live status of vehicles
- Alerts and notifications mechanism

Technology Used

- Visual Studio 2012
- MVC-4.0
- SSRS
- Razor View
- .Net Framework 4.0
- S.Q.L. Server 2008 R2
- SQL Job
- Entity Framework 4
- WCF
- TFS
- Bing Map Ajax Control 7.0 SDK
- Twitter Bootstrap 3.0
- HTML-5
- CSS-3
- TCP/IP Service

Areas of Engagement

- Vehicle tracking and monitoring
- Service management
- Alerts and notifications
- Live update of vehicles
- GPS Mapping
- Forecasting

Engagement Brief

Webdunia developed a fleet management system that ensures Vehicle Tracking, Monitoring, Service Management, Alerts and Notifications. It allows easy mechanism to know the status of all the vehicles registered in the system.

The system advances with functionalities like, notifications for alerts and reminders as per configured requirements, fleet management, GPS mapping on devices and live tracking, news forecasting etc. The functionalities include:

- Live Vehicle Tracking
- Multipurpose Dashboard layout
- Service Scheduling
- Vehicle legend's as per current status
- Route Optimization Process
- Monitoring Fleets
- Multiple Map Support
- Reverse Geocode enabling
- Role Based Access Feature
- Geofencing and Point of Interest advance feature
- Scheduled reporting via email
- Multi lingual support
- Alerts and Notification

- Reporting
 - Daily report Summary
 - Asset Report
 - Excessive Idle report
 - Out Of Hours report
 - Vehicle Service report
 - Weekly Report
 - POI Visit Report
 - Alert Report
 - Route Optimization

- Rules Management
 - Distance Rule
 - First Ignition Rule
 - Harsh Breaking Rule
 - Idle Rule
 - Illegal Power off Rule
 - Late Departure Rule
 - Outside Work Hours Usage Rule
 - POI Rule
 - Fast Acceleration Rule
 - Speed Limit Rule
 - Speed Rule
 - Still Rule

Business Benefits

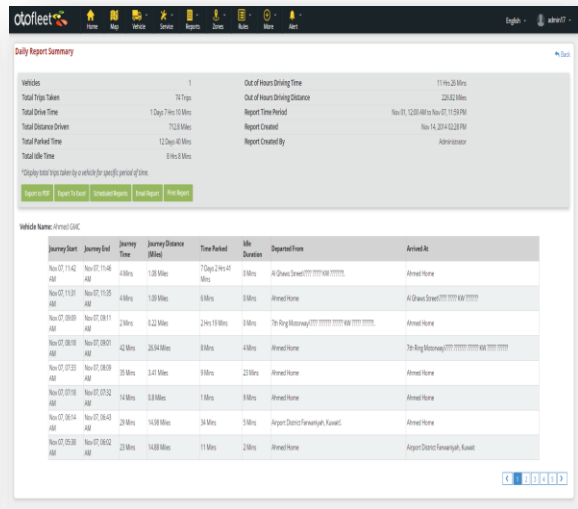
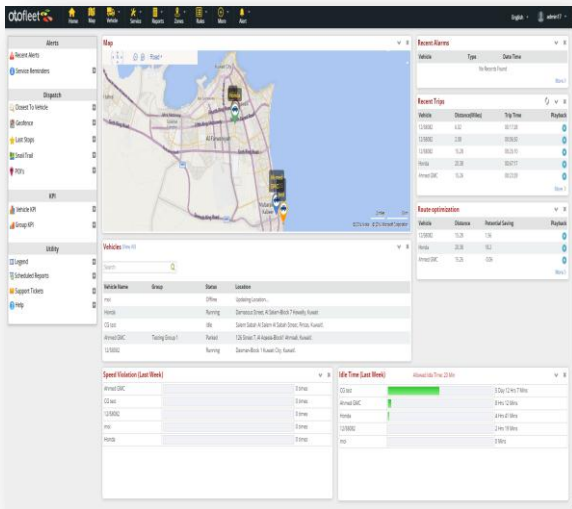
Improved services with accurate record management

Increased productivity with quicker responses to customers

Monitor vehicle efficiency to maximize asset utilization

Fleet maintenance and scheduling to reduce downtime

Lower operational costs and maximized profits



About Webdunia

Webdunia, is a CMMI Level 3, localization and software solutions provider to businesses across the world. With over 15 years in the industry, we deliver industry-led localization, translation, multilingual content management, and software solutions and services to address specific needs of particular business requirements. We have a proven delivery record of offering high quality solutions to help our clients excel globally on any technology platform.